



Overview

Orbi™ is the simplest and smartest way to enjoy high-speed WiFi in every corner of your home. The Orbi WiFi System Starter covers homes up to 2,000 square feet with strong WiFi signals. Each Orbi Satellite (sold separately) adds an additional 2,000 square feet of strong WiFi coverage.

Enjoy better WiFi. Everywhere.

Features



Better WiFi. Everywhere.

Take your WiFi device from room to room and Orbi follows with the fastest WiFi speeds possible.



Growing With You.

Add an Orbi Satellite (sold separately) to expand your high-performance WiFi coverage an additional 2,000 sq. ft.



Your WiFi System Starts Here.

Orbi Router is the heart of the Orbi WiFi System. It covers up to 2,000 sq. ft. with high-performance AC3000 WiFi.

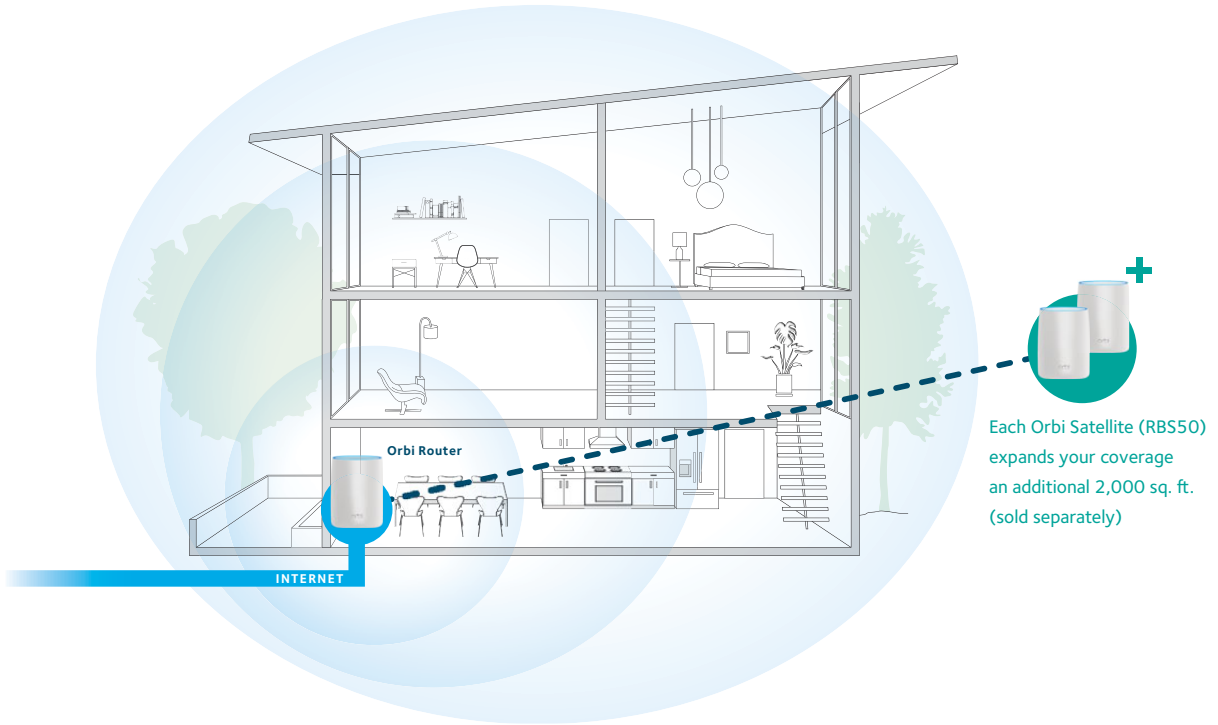


Just Plug In.

With simple setup from your mobile device, your secure WiFi network is ready in just minutes.



House Diagram



Orbi Router (RBR50)



Sync button | Plugs into existing modem | Plugs into Ethernet-enabled devices | Power button | USB 2.0 port



What's In the Box?

- One (1) Orbi Router (RBR50)
- One (1) 6.5 ft Ethernet cable
- One (1) 12V/3.5A power adapter
- Quick start guide

What Do I Need for Orbi to Work?

- High-speed Internet connection
- Connect to existing modem or gateway
- **DO NOT purchase a second Orbi Router if you need to expand your WiFi coverage**
 - Two (2) Orbi Routers (RBR50) on the same network may run into connection errors
 - To expand your Orbi WiFi system, purchase an Orbi Satellite (RBS50), sold separately, for every 2,000 square feet of additional WiFi coverage needed





Technical Specifications

- AC3000 (1733 + 866 + 400 Mbps)[†]
- Simultaneous Tri-band WiFi
 - IEEE® 802.11b/g/n
2.4 GHz – 256 QAM support
 - IEEE® 802.11 a/n/ac
5 GHz – 256 QAM support
- Memory: 4 GB Flash and 512 MB RAM
- Six (6) high-performance antennas with high-powered amplifiers
- Implicit/Explicit Beamforming for 2.4 & 5 GHz bands (1733 + 866 + 400 Mbps)[†]
- MU-MIMO capable for simultaneous data streaming on multiple devices
- Four (4) 10/100/1000 Mbps (1 WAN & 3 LAN) Gigabit Ethernet ports
- One (1) USB 2.0 port
- Each Orbi Router supports up to 3 Orbi Satellites

Physical Specifications

- Dimensions: 6.7 x 3.1 x 8.9 in (170.3 x 78.9 x 225.8 mm)
- Weight: 1.96 lb (890.5 g)

Simple Setup



Simple setup from your smartphone or tablet.



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This product comes with a limited warranty that is valid only if purchased from a NETGEAR authorized reseller.

*90-day complimentary technical support following purchase from a NETGEAR authorized reseller.

[†] Maximum wireless signal range derived from IEEE standard 802.11 specifications. Actual data throughput and data over distance will vary. Network conditions and environmental factors, including volume of network traffic, building material and construction, and network overhead, result in lower actual data throughput rate and wireless coverage.

For regulatory compliance information, visit <http://www.NETGEAR.com/about/regulatory>